

Applicant: Gerald W. Blakeley, III  
For: Multimeter with Non-Contact Temperature Measurement

### **ABSTRACT**

A multimeter with non-contact temperature measurement capability. The multimeter is contained in a housing, and has outputs relating to measured electrical parameters. There is also an output display contained in the housing, for displaying  
5 results to a user. A non-contact optically-based temperature sensing device is coupled to the housing, and has an output related to sensed temperature. Circuitry contained in the housing processes both the multimeter outputs and the temperature sensing device output, and transmits the processed output to the output display.